

## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|
| FEE DETERMINATION         |          |        |          |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | **     | -2/27/   |  |  |  |  |
| FORMALITY REVIEW          | 7        | 826    | 3/07/01  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | Mo       | X957   | 03/2/01  |  |  |  |  |
|                           | Rib      | 1010   | 05/15/41 |  |  |  |  |

## **INDEX OF CLAIMS**

|   | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | /Through automati) Allowed | 1 | Interference |
|   | (Through numeral) Canceled |   | Appeal       |
| Ŧ | Restricted                 | 0 | Objected     |

|   |          |          | aim        | Т        | -        | _        | -  | _            | _ | -      |    |        |          |          | _ | - |   |          |   | _ |
|---|----------|----------|------------|----------|----------|----------|----|--------------|---|--------|----|--------|----------|----------|---|---|---|----------|---|---|
|   |          | <u> </u> | 4111       | +        | J.       | •        | ì  |              | _ |        | _  | Da     | IE       | _        | _ | _ | _ | _        | _ |   |
|   |          |          | 멸          | 13       | إز       | 3        | 3  |              | Ì |        |    |        | 1        |          |   |   |   | 1        |   | 1 |
|   |          | Final    | riginal    | 1 3      | 7007     |          | 1  |              |   |        |    |        |          |          |   | - |   |          |   | l |
|   |          | ű.       | Q          | 15       | 3        | 9        | ľ  |              | 1 |        | 1  | _      | 1        | _        | L |   |   | 1        |   | 1 |
|   |          |          | C          | A        | Ł        | Ü        | ĺ  | _            | ſ |        | ſ  | _      | Γ        |          | Г |   |   | 1        | _ | T |
|   |          | _        | -2         | +        | 4        |          | ľ  | _,           | 1 |        | T  |        | T        |          | - | 1 | _ | †        | - | t |
|   | J        |          | $\bigcirc$ | Ţ.       | 7        | Ť        | 1  |              | Ť |        | t  | ÿ      | t        | ٦        | - | 7 | _ | †        | _ | r |
|   | à        |          | 4          | 1        | 7        | Ť        | ł  | -            | t | _      | t  | -      | ╁        | 4        | - | + | _ | +        |   | ŀ |
|   | 1        |          | 4          | Ţ,       | 1        |          | t  |              | t |        | ;- | -      | ۲        | -        | _ | + |   | +        | _ | H |
| ′ | }        | _        | 8          | F.       | X        | r        | H  | _            | ۲ | -      | ۲  | _      | $\vdash$ | 4        | _ | + | _ | +        | _ | L |
|   | 1        | -        | 7          | 1        | f        | ۳,       | ۲  | _            | ╀ | _      | H  | _      | L        | 4        | _ | 4 |   | +        | _ | - |
|   | ŀ        |          | 8          | 1        |          | 4        | ╀  | _            | L |        | L  |        | L        | 4        |   | 1 | _ | L        | _ | L |
|   | ŀ        | _,       |            | ,        | 1        | V        | ļ  | _            | L | _      | L  |        | L        | 4        |   | 1 | _ | L        | _ | _ |
|   | -        | _        | Ĭ          | K        | H        | Ų        | L  |              | L |        | L  |        | L        | 1        |   | ļ | _ | L        | ╛ | _ |
|   | 1        | _        | 19         | Ŋ        | 4        | N        | L  |              | L |        | L  |        | L        |          |   |   | _ | Ĺ        | J | _ |
|   | ļ        | _        | 11         | N        | L        | N        | L  | •            | L |        | L  |        |          | I        | _ | ſ | _ | Γ        | 7 | _ |
|   | L        |          | 18         | N        | L        | N        | Ĺ  |              | Ľ | _      |    | 7      | _        | T        | _ | T | _ | Γ        | 7 | _ |
|   |          |          | 18         | N        | Γ        | Ň        |    |              |   | 7      |    |        |          | 1        |   | T | _ | Γ        | 7 | _ |
|   | Γ        |          | 4          | 4        | I        | W        |    |              |   | 7      |    | 7      | _        | 1        |   | † | _ | Г        | 7 | - |
|   | ŀ        | 1        | 15         | 1        | 7        | 7        | _  | 7            |   | 7      | _  | 7      | -        | †        | _ | t | - | H        | + | - |
|   | ۲        | 7        | 16         | V        | 1        | 7        | _  | 7            | - | 7      | -  | +      |          | $^{+}$   |   | t | - | H        | + | - |
| 9 | t        |          | X          |          | b        | U        |    | 4            | _ | +      | _  | +      | _        | +        | _ | ۲ | - | $\vdash$ | + | _ |
|   | 1        | _        | 10         | <u>~</u> | ŧ        | H        | -  | +            |   | +      | _  | +      |          | +        | _ | ⊦ | 4 | _        | + | _ |
|   | H        |          | 19         | V        | P        | 7        | _  | +            |   | +      | _  | +      | _        | +        |   | ┞ |   | _        | + |   |
|   | H        | 1        | 20         | _        | ۲        | 4        | _  | 4            |   | +      | _  | +      |          | +        |   | L | 4 |          | 1 | _ |
|   | F        |          |            | ~        | 2        |          | _  | ┙            | _ | 1      |    | 1      |          | 1        |   | L | J |          |   |   |
|   | L        | 4        | 21         |          | Ī        | Z        | _  | I            |   | $\int$ | _  | $\int$ | _        | Γ        |   |   | 1 |          | T | _ |
|   | L        | 2        | 22         |          | Ĺ        | 4        | _  | I            |   | T      |    | T      | _        | Τ        |   | Г | 7 |          | T | _ |
|   | L        | _[2      | 23         |          | 200      | Л        |    | T            | _ | T      | _  | T      |          | T        |   | Т | + | _        | † | - |
|   |          |          | 24         |          | Ü        | 7        |    | †            | _ | T      | _  | †      |          | t        | ┪ | - | + | -        | + | - |
|   | Γ        | 2        | 25         |          | Ø        | 3        |    | †            |   | †      | _  | +      | _        | t        | Н | - | + | -        | + | - |
|   | Γ        | 2        | 6          | -        | ÿ        | 寸        |    | †            | _ | t      | -  | t      |          | H        | + | - | + | _        | + | - |
| 7 | 1        |          | 7          | -        | 7        | 1        | -  | $^{\dagger}$ | _ | ╁      | _  | +      | _        | $\vdash$ | + |   | + | _        | + | - |
|   | 卜        | 12       | 8          | 1        |          | 7        |    | +            | - | t      |    | +      | _        | ┝        | 4 | - | + | _        | ╀ | _ |
|   | ۲        | 1/2      | 6          | $\dashv$ | V        | ۲        | _  | +            | - | ╁      |    | +      |          | ├-       | + | _ | + | _        | - | _ |
|   | ┢        | 3        | +          | $\dashv$ | ŏ        | #        | _  | ╁            |   | ╀      | _  | ╀      |          | H        | 4 | _ | 4 | _        | L | _ |
|   | $\vdash$ | 3        | -          | $\dashv$ | •        | 4        | _  | +            | _ | Ł      |    | 1      | _        | L        | 4 |   | 1 | _        | L | _ |
|   | -        |          |            | 4        | V        | 4        | _  | +            | _ | L      | _  | L      | _        | L        | 4 | _ | 1 |          | L | _ |
|   | -        | 3        |            | -        | <u> </u> | 1        | _  | ļ            |   | L      | _  | 1      | _        |          | 1 |   | 1 |          | L | _ |
| į | Ļ.       | 3        |            | 4        | Q        | 2        | _  | L            | _ | L      | _  | L      |          |          |   | _ | Ī | _        | Ľ | _ |
|   | <u> </u> | 3.       | _1         | - 1      | ٥        | 4        |    | L            | _ | L      |    | L      |          |          | Ι | _ | I |          | Ī | _ |
|   |          | 3        | 5          | 4        | <u>0</u> | L        | _  | L            | _ | L      |    | L      | ╝        |          | Ι |   | Γ |          |   | _ |
| ļ | _        | 36       | 1          | 1        | 0        | L        |    | L            |   |        |    | Γ      | J        | Ξ        | T |   | Τ |          |   | ٦ |
| ļ |          | 3        | 1          |          | 0000     |          |    | Ĺ            |   |        | ٦  | Г      | 1        |          | T | _ | T |          | _ | 1 |
| ĺ | _        | 3        | 4          | $\int$   | ď        | Ί        | _  | Γ            | ٦ |        |    |        | 1        | _        | Ť | _ | T | 7        | _ | 1 |
| Į | _        | Q.       | Į          | J        | v        | T        |    | Γ            | 7 |        |    |        | 1        | _        | † |   | T | 7        | _ | 1 |
|   |          | 40       | T          | T        | 1        | 1        | _  | Т            | 7 | _      | 1  | -      | †        | _        | † | _ | ۲ | 1        | _ | 1 |
| t | _        | 41       |            | +        | -        | +        | -  | ۲            | + | -      | +  | -      | +        | _        | + | _ | + | 4        | _ | 4 |
| ł | _        | 42       | +          | +        | -        | ╁╌       | 4  | -            | + |        | +  | _      | +        | _        | + | _ | _ | 4        | _ | 4 |
| ŀ | -        | 43       | *          | ╨        | 5        | $\vdash$ | 4  | _            | + | _      | 4  |        | +        | _        | Ļ | _ | L | 4        |   | 1 |
| ŀ | -        | 44       | 1-         | +        | -        | -        | -{ | _            | 4 | _      | 4  | _      | +        |          | L | _ | L | 1        | _ | 1 |
| ŀ | =        |          | 1          | #        | _        | L        | ļ  | <u>'</u>     | 4 | _      | 1  |        | 1        | _        | L |   |   |          |   | l |
| ŀ | •        | 45       | -          | 4        | 4        | ١,       | 1  | _            | 1 | _      | 1  | _      | L        | _        | Ĺ |   |   | ſ        | _ | l |
| F | _        | 46       |            | +        | _        | 7        | 1  | _            | 1 | _      | 1  | _      | L        |          | Ĺ |   |   | Ι        |   | Ì |
| L |          | 47       | L          | $\perp$  |          |          | _  | _            | 1 | _      | ſ  | _      | Γ        | -        | Γ | 7 |   | T        |   |   |
| L | _        | 48       | L          | L        | J        |          | J  |              | Ī | _      | Ī  |        | T        |          | Г | 7 | _ | t        |   |   |
| L |          | 49       |            | L        | J        |          | Ţ  | _            | Γ | _      | T  | _      | 1        | ٦        | _ | 1 | _ | t        | ٦ |   |
| L | لــ      | 50       | L          |          | 1        |          | 3  |              | Ι | _      | Ī  | _      | 1        | 7        | _ | † | _ | t        | ٦ |   |
|   |          |          |            |          |          |          |    | _            | _ | _      | _  | _      | _        | _        | _ | _ | _ | _        | _ |   |

| Cla   | aim      | _         |                         |     |   | C | ate | •        | _   |   |        |          | 7        | Cla           | aim      |               |  |  |                 | ate      |          |          |                |          |
|-------|----------|-----------|-------------------------|-----|---|---|-----|----------|-----|---|--------|----------|----------|---------------|----------|---------------|--|--|-----------------|----------|----------|----------|----------------|----------|
|       | - a      |           |                         |     | Τ | T | T   |          |     | Τ | Т      | T        |          |               |          | $\neg \Gamma$ |  | T  | Τ.              | T        |          | _        | _              | _        |
| Final | 튱        |           |                         |     |   |   |     | i        |     |   |        |          |          | -             | ig       |               |  |  |                 |          | - 1      |          | - 1            |          |
| ίĒ    | Original |           |                         |     |   |   |     |          |     |   |        | ı        |          | Final         | Original |               |  |  |                 | 1        |          | - [      | 1              | İ        |
|       | 51       |           |                         |     | Τ | T | T   | ٦        |     | T | 7      | 7        | 1        | -             | 101      | ╁             | ╁  | ╁  | +               | +        | +        | +        | +              | $\dashv$ |
|       | 52       |           |                         |     |   | T | T   |          |     | T | +      | +        | 7        | $\vdash$      | 102      | +             | +-   | ╁  | ╫               | +        | +        | +        | +              | 4        |
|       | 53       | $\neg$    |                         |     | Γ | 7 | 1   | ٦        |     | T | 1      | 7        | 1        |               | 103      | +             | +  | +  | +               | +        | +        | +        | 4-             | 4        |
|       | 54       |           |                         |     | 1 | 1 | †   | ┪        | _   | † | †      | 1        | 1        | $\vdash$      | 104      | +             | ┰  | ╁  | +               | +        | +        | +-       | -              | 4        |
|       | 55       |           |                         |     | Г | T | 1   | 7        | _   | Τ | 1      | +        | 1        |               | 105      | +             | +-   | +-   | ╌               | +        | ╌        | -        | +              | +        |
| _     | 56       | T         |                         |     |   | T | 1   |          |     | Т | 1      | 1        | 1        |               | 106      | +             | +-   | +-   | +-              | +-       | +-       | +        | -}-            | +        |
|       | 57       |           |                         |     |   | Τ | 1   | T        |     | T | 1      | 1        | 1        |               | 107      | +             | ╁  | ╁╴   | +-              | +-       | +-       | -{-      | +              | +        |
|       | 58       | $\prod$   |                         |     |   | Τ | 1   | 1        |     | Τ | 1      | 1        | 1        | _             | 108      | +             | 十  | ╁  | +-              | +        | ╁        | +-       | +-             | +        |
|       | 59       |           | $\Box$                  |     |   |   | T   | 7        |     |   | 1      | 7        | 1        | _             | 109      | 1             | 十  | ╁  | +-              | +-       | +-       | ╁        | +              | +        |
|       | 60       |           | _[                      |     |   | Τ | 7   | 7        |     | Ţ | T      | 1        | 1        | $\overline{}$ | 110      | 十             | ╁╌   | ╁  | ╁               | +        | +-       | ╁        | +              | +        |
| _     | 61       | $\perp$   | Ι                       |     |   | Г | T   | 7        |     | Г | $\top$ | ┪        | 1        |               | 111      | +-            | +-   | ╁╾   | ╀               | ╁        | ┿        | ╁        | ┰              | +        |
|       | 62       |           |                         |     |   | Γ | Τ   | T        |     | _ | Ť      | 1        | 1 )      | _             | 112      | +             | ╁  | $\vdash$   | ╁               | ╁        | +        | ┿        | ┿              | +        |
| -     | 63       |           | $oldsymbol{\mathbb{I}}$ | . 7 |   | Γ | Τ   | T        |     | Г | Ť      | T        | 1 1      | $\rightarrow$ | 113      | +-            | 1-   | $\vdash$   | ╁               | ╁        | +        | ╁        | ╁              | +        |
| -     | 64       |           |                         |     |   |   | Γ   | Т        |     |   | Τ      | T        | 1 1      | $\rightarrow$ | 114      | 1             | ✝  | $\vdash$   | $\vdash$        | ✝        | +        | ╁        | ┿              | +        |
|       | 35       | $\perp$   |                         |     |   |   | Τ   | T        |     |   | T      | T        | 1 1      | _             | 15       | +             | 1  | -  | ╁╴              | ╆        | +        | ╁        | ╁              | ╁        |
| _     | 66       | $\perp$   |                         |     |   |   | Ι   |          |     |   | Τ      |          | 1 1      | 1             | 16       | +             | $\vdash$   | -  | ┢               | ╆        | +-       | +-       | ┿              | +        |
| -     | 37       | $\perp$   |                         |     |   |   |     | T        |     | _ | T      |          | 1 1      |               | 17       | $\top$        |  | $\vdash$   | ┢               | ╆        | +-       | +-       | +-             | ╁        |
| -     | 8        | $\perp$   | 1                       | J   |   |   | Γ   | T        | ٦   |   | Г      | T        | 1        | 1             | 18       | 1             | 1-   | <del>                                     </del> | $\vdash$        | $\vdash$ | ┰        | +        | ╁              | +        |
| -+-   | 9        | _ _       |                         |     |   |   |     | Τ        |     |   |        | T        | 1        | 1             | 19       | 1             | <del>                                     </del> | $\vdash$   | $\vdash$        | ┢        | +        | +        | ╁              | ╁        |
| 7     | 0        |           |                         |     |   |   |     | 1        | T   |   | 1      |          | i i      | 1             | 20       | 1             | $\vdash$   | -  | -               | -        | +-       | +-       | +-             | ┿        |
| 7     | 11       | Т         | Ţ                       | T   |   |   |     | T        | 7   | _ |        | t        |          | 1             | 21       | ╁╴            | -  | -  | ┝               | ├        | ⊢        | $\vdash$ | ╀              | ╀        |
|       | 2        |           |                         | T   |   |   |     | T        | 7   |   | 1      | †        |          |               | 22       | $\vdash$      |  | _  | ├               | ⊢        | ┝        | ┼-       | ╀              | ╀        |
| 7     | 3        | I         | Τ                       | T   |   |   |     | T        | T   | _ |        | 1        |          | -             | 23       | -             | -  | _  | <del> -</del> - | ├        | ⊢        | ╁        | ⊢              | ⊬        |
| 7     | 4        | $\perp$   |                         |     |   |   |     | Ť        | T   |   |        | $\vdash$ | -        |               | 24       | 1             |  | _  | _               | -        | ⊢        | ⊢        | ├              | +-       |
| 7     | 5        | Ι         | Γ                       | T   |   |   |     | Γ        | 1   |   |        | Г        | '        | -             | 25       | Н             |  |  |                 | -        | -        | ├—       | <del> </del> — | +-       |
| 7     | 6        | $oxed{T}$ | Τ                       | T   | 7 |   |     | T        | T   |   |        | †        | -        | 12            |          | Н             | $\neg$   | $\dashv$   | -               | —        | $\vdash$ | ⊢        | ⊢              | ⊢        |
| 7     |          |           |                         |     |   |   |     | $\vdash$ | 1   |   | •      |          | <u> </u> | 12            |          |               |  |  | $\dashv$        | -        | -        | -        | -              | -        |
| 78    |          |           |                         | Ι   |   |   |     |          | 1   |   |        | Г        |          | 12            |          |               |  |  | $\dashv$        |          | -        | $\vdash$ |                | ⊢        |
| 79    | -        |           | Γ                       | Ι   | I |   |     |          | 1   |   |        |          | t        | 12            |          | $\vdash$      | -  | +  |                 | -        | -        | -        | $\vdash$       | $\vdash$ |
| 8     | -        |           | L                       | I   | T |   |     |          | 1   | 7 |        |          | <b>-</b> | 13            |          | -             | -  | -  | -               | $\dashv$ | _        | -        | _              | ⊢        |
| 8     |          | $\Box$    | $\Gamma$                | Γ   | T |   | _   |          | 1   | 7 | ٦      | _        |          | 13            |          | -             | -  | +  | +               | $\dashv$ | $\dashv$ | $\vdash$ | Н              | _        |
| .la:  | 2        | -         | Γ                       |     | _ | 1 |     |          | .1. |   |        |          |          | 12            |          |               |  |  |                 |          |          | $\vdash$ |                | -        |

LIE.

Olean enter Original Has Cortino Mail of 4/29/03

| hod | 150 |
|-----|-----|
|-----|-----|